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Attorney Docket # 3401-146PUS

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Siegfried GINTER et al.

Serial No.: 10/523,334

Filed: January 28, 2005

For: Method For Effecting Local Increases In
Temperature Inside Materials, Particularly Body
Tissue

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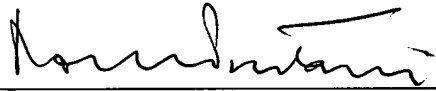
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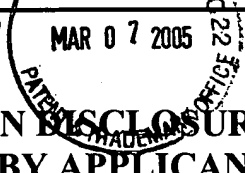
Respectfully submitted,
COHEN, PONTANI, LIEBERMAN & PAVANE

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Dated: March 4, 2005

Substitute for Form 1449/PTO				Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number		10/523,334			
		Filing Date		January 28, 2005			
		First Named Inventor		Siegfried GINTER			
		Art Unit					
		Examiner Name					
Sheet	1	of	2	Attorney Docket Number		3401-146PUS	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	D. R. Daum and K. Hynynen, A 256-Element Ultrasonic Phased Array System For The Treatment Of Large Volumes Of Deep Seated Tissue. <i>IEEE Trans. Ultras. Ferro. Freq. Control</i> , 46(5):1254-1268, 1999	
	AB	F. A. Duck, Physical Properties of Tissue, Academic Press, London 1990, pp. 98-101, Tables 4.13, 4.14, 4.15, and 4.16.	
	AC	F. Feng, C. Zhu, J. Xu, Z. Chen, and H. Li. Enhancement of ultrasonic cavitation yield by a bifrequency irradiation and its frequency effect. <i>Proceedings of the 135th Meeting of the ASA, Seattle, USA</i> , volume III, pages 1715-1716. Acoustical Society of America, Juni 1998	
	AD	E.A. Filonenko, Effect Of Acoustic Nonlinearity On Heating Of Biological Tissue By High-Intensity Focused Ultrasound. <i>Acoustical Physics</i> , 47(4):468-475, 2001.	
	AE	K. Fujimoto, Y. Ishibashi, M. Shibata, T. Suzuki, S. Aida, N. Ioritani, S. Shirai, and S. Orikasa. A new cavitation suppression technique for local ablation using high-intensity focused ultrasound. In <i>IEEE Ultrasonic Symposium - 1995</i> , pages 1629-1632, 1995	
	AF	S. Ginter, Numerical Simulation Of Ultrasound-Thermotherapy Combining Nonlinear Wave Propagation With Broadband Soft-Tissue Absorption. <i>Ultrasonics</i> , 37:693-696, 2000.	
	AG	C. R. Hill, Optimum Acoustic Frequency For Focused Ultrasound Surgery. <i>Ultrasound Med. And Biol.</i> , 20(3):271-277, 1994.	
	AH	C. R. Hill and G. R. ter Haar. Review Article: High Intensity Focused Ultrasound - Potential For Cancer Treatment. <i>Brit. J. Radiol.</i> , 68(816):1296-1303, 1995.	
	AI	V. Khokklova, O. Sapozhnikov, Yu. Pishchalnikov, T. Sinilo, E. Filonenko, M. Bailey, and L. Crum, Enhancement Of Ultrasound-Induced Heating In Tissue Phantoms Due To Formation Of Shocks: Experimental Measurements And Numerical Simulation. Handout: WFUMB 2000, Florence, 2000.	
	AJ	B.-Y. Lu, W.-L. Lin, Y.-Y. Chen, R.-S. Yang, T.-S. Kou, and C.-Y. Wang, A Multifrequency Driving System For Ultrasound Hyperthermia, <i>IEEE Engineering in Medicine and Biology</i> , 18(5):106-111, 1999.	
	AK	G. O. N. Oosterhof, E. B. Cornel, G. A. H. J. Smits, F. M. J. Debruyne, and J. A. Schalken, Influence Of High-Intensity Focused Ultrasound On The Development Of Metastases, <i>European Urology</i> , 32(1):91-95, 1997	

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	AL	R. Rastert, I. Simiantonakis, M. Moosmann, P. Huber, J. Debus, and J. Jenne, Treatment Acceleration By Modification Of Sound Fields And Sonication Modalities. <i>IEEE Ultrasonics Symposium, San Juan Puerto Rico</i> , volume 2 pages 1441-1444. IEEE Ultrasonics, Ferroelectrics and Frequency Control Society, October 2000.	
	AM	I. H. Rivens, R. L. Clarke, and G. R. ter Haar, Design of focused ultrasound surgery transducers, <i>IEEE Trans. Ultras. Ferro. Freq. Control</i> , 43(6):1023-1031, 1996.	
	AN	G. Vallancien, E. Chartier-Kastler, N. Bataille, D. Chopin, M. Hargouni, and J. Bougaran, Focused Extracorporeal Pyrotherapy, <i>European Urology</i> , 23 (suppl. 1), 1993.	
	AO	F. Wu, W.-Z. Chen, J. Bai, J.-Z. Zou, Z.-L. Wang, H. Zhu, and Z.-B. Wang, Pathological Changes In Human Malignant Carcinoma Treated With High-Intensity Focused Ultrasound, <i>Ultrasound Med. And Biol.</i> , 27(8):1099-1106, 2001.	

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